



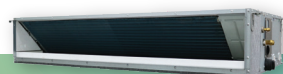
SKY-0325-F

R32



SkyAir

**Single-Split Inverter &
Non Inverter Series**





R32

The Superior Refrigerant

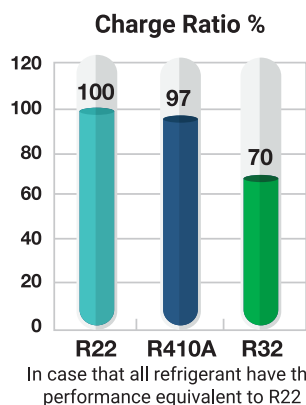
This game changing refrigerant strikes the perfect balance between energy efficiency, ease of use and environmental sustainability; offering distinct advantages across the board. Bringing you comfort and a peace of mind.

Less Impact On Global Warming

The earth retains solar heat in the daytime for warming and then releases this heat at night, allowing it to maintain an optimal temperature range. However, with greenhouse gases increasing, it is more difficult to discharge heat and the planet is gradually becoming warmer. This is called global warming. R32 has only around 30% of the global warming potential of R410A and R22.

Lesser Refrigerant Charge

Potential refrigerating effect of R32 is 1.5 times that of R22 or R410A. More specifically, pressure losses are lower with R32 than R22 or R410A for the same capacity and the liquid density of R32 is also 10% lower. As a result, the charging volume for R32 is approximately 30% less than that of R410A and R22.



	Ozone Depletion Potential	Global Warming Potential
R32	0	675
R410A	0	2,090
R22	0.05	1,810

R32 has zero Ozone Depletion Potential (ODP), and lower Global Warming Potential (GWP) which contributes to the prevention of global warming.

Easy Maintenance and Serviceability

Unlike R410A and R407C, which are mixed refrigerants, R32 is a Single component refrigerant. This means that no composition change occurs, and likewise R22, allows for easy liquid charge and gas charge.

	Composition (Mixture ratio wt%)
R32	Single Component
R410A	R32/R125 (50/50 WT%)
R22	Single Component

2 Product Lineup

Inverter Series

Ceiling Cassette
Smart
Control 

Ceiling Concealed
Middle Static
Pressure Type

Ceiling Exposed Type

Outdoor Unit

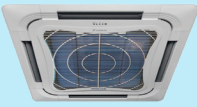
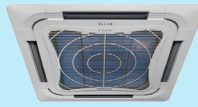




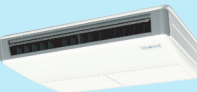
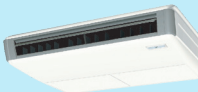
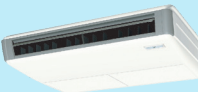


Power Supply

35

50

60

71

		
FCFC50AV1MF9	FCFC60AV1MF9	FCFC71AV1MF9
		
FDMFC50AV1M9	FDMFC60AV1M9	FDMFC71AV1M9
		
FHFC50AV1	FHFC60AV1	FHFC71AV1
		
RZFC50BGVMM	RZFC60BGVMM	RZFC71BGVMM
Outdoor 220-240V / 1 Phase / 50Hz	Outdoor 220-240V / 1 Phase / 50Hz	Outdoor 220-240V / 1 Phase / 50Hz

Non-Inverter Series

Ceiling Cassette Type
Smart
Control 

Ceiling Concealed
Low / Middle Static
Pressure Type

Ceiling Exposed Type

Outdoor Unit

Power Supply

35

50

60

71

			
FFC35AV1MF9	FCC50AV1MF9	FCC60AV1MF9	
			
FDDBC35AV1M9	FDMC50AV1M9	FDMC60AV1M9	
			
	FHC50AV1M9	FHC60AV1M9	
			
RC35BV1M	RC50BV1M	RC60BV1M	
Indoor 220-240V / 1 Phase / 50Hz	Indoor 220-240V / 1 Phase / 50Hz	Indoor 220-240V / 1 Phase / 50Hz	

85

100

125

140

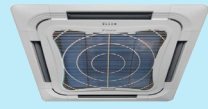
160



FCFC85AV1MF9



FCFC100AV1MF



FCFC125AV1MF



FCFC140AV1MF



FDMFC85AV1M9



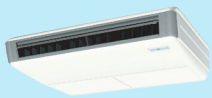
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FDMFC125AV1M



FDMFC140AV1M



FHFC85AV1



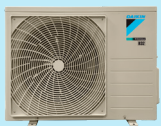
FHFC100AV1



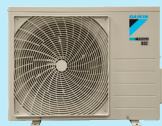
FHFC125AV1



FHFC140AV1



RZFC85BVMM



RZFC100BVMM



RZFC125BY1M



RZFC140BY1M

Outdoor
220-240V / 1 Phase / 50Hz

Outdoor
220-240V / 1 Phase / 50Hz

Outdoor
380-415V / 3 Phase / 50Hz

Outdoor
380-415V / 3 Phase / 50Hz

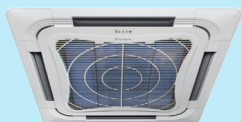
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100

125

140

160



FCC85AV1MF9



FCC100AV1MF



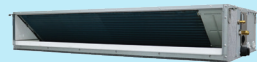
FCC125AV1MF



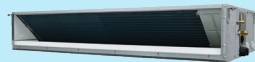
FCC140AV1MF



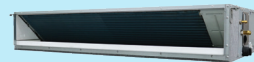
FDMC85AV1M9



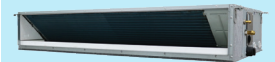
FDMC100AV1M



FDMC125AV1M



FDMC140AV1M



FDMC160AV1M



FHC85AV1M9



FHC100AV1M



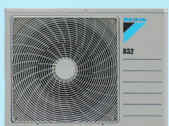
FHC125AV1M



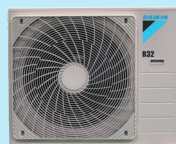
FHC140AV1M



FHC160AV1M



RC85BV1M



RC100BV1M9



RC125BY1M9



RC140BY1M9



RC160BY1M9

Indoor
220-240V / 1 Phase / 50Hz

Outdoor
220-240V / 1 Phase / 50Hz

Outdoor
380-415V / 3 Phase / 50Hz

Outdoor
380-415V / 3 Phase / 50Hz

Outdoor
380-415V / 3 Phase / 50Hz